

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/009156

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12N15/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, CHEM ABS Data, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 705 628 A (HAWKINS TREVOR) 6 January 1998 (1998-01-06)	1-3,6,7, 9-18, 24-29
Y	the whole document	1-32
X	US 5 898 071 A (HAWKINS TREVOR) 27 April 1999 (1999-04-27)	1-3,6,7, 9-18, 24-29
Y	the whole document	1-32
Y	EP 1 069 131 A (QIAGEN GMBH) 17 January 2001 (2001-01-17) the whole document	1-32
Y	WO 02/066993 A (NARGESSI R D ;CORTEX BIOCHEM INC (US)) 29 August 2002 (2002-08-29) claims 1-3,7,13,16	1-32
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

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Date of mailing of the international search report

26/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 757 106 A (TOYO BOSEKI) 5 February 1997 (1997-02-05) abstract	1-32
Y	----- WO 98/31840 A (PROMEGA CORP) 23 July 1998 (1998-07-23) abstract	1-32
A	----- WO 01/70831 A (BRASSARD LOTHAR A ; OSTER JUERGEN (DE); CHEMAGEN BIOPOLYMER TECHNOL) 27 September 2001 (2001-09-27) claims 1,17-22	1,26,29
A	----- WO 02/09125 A (FISCHER RAINER ; FRAUNHOFER GES FORSCHUNG (DE); MUELLER SCHULTE DET) 31 January 2002 (2002-01-31) abstract	1,26,29
	-----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

EP2004/009156

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5705628	A	06-01-1998	US 5898071 A WO 9609379 A1	27-04-1999 28-03-1996
US 5898071	A	27-04-1999	US 5705628 A WO 9609379 A1	06-01-1998 28-03-1996
EP 1069131	A	17-01-2001	EP 1069131 A1 US 2004171077 A1 US 2001014466 A1	17-01-2001 02-09-2004 16-08-2001
WO 02066993	A	29-08-2002	CA 2438066 A1 EP 1368629 A1 JP 2004523238 T WO 02066993 A1	29-08-2002 10-12-2003 05-08-2004 29-08-2002
EP 0757106	A	05-02-1997	JP 2965131 B2 JP 9019292 A US 5945525 A EP 1260595 A2 EP 0757106 A2 US 2003096987 A1	18-10-1999 21-01-1997 31-08-1999 27-11-2002 05-02-1997 22-05-2003
WO 9831840	A	23-07-1998	US 6027945 A AU 732756 B2 AU 6647598 A BR 9805897 A CA 2249393 A1 DE 69817484 D1 DE 69817484 T2 DE 895546 T1 EP 1367137 A1 EP 0895546 A1 JP 3253638 B2 JP 11509742 T US 2002086326 A1 WO 9831840 A1 US 6673631 B1 US 6368800 B1 US 2004086930 A1	22-02-2000 26-04-2001 07-08-1998 24-08-1999 23-07-1998 02-10-2003 17-06-2004 17-10-2002 03-12-2003 10-02-1999 04-02-2002 31-08-1999 04-07-2002 23-07-1998 06-01-2004 09-04-2002 06-05-2004
WO 0170831	A	27-09-2001	DE 10013995 A1 AU 4247801 A CA 2404009 A1 WO 0170831 A1 EP 1274745 A1 JP 2003528181 T US 2003109618 A1	27-09-2001 03-10-2001 27-09-2001 27-09-2001 15-01-2003 24-09-2003 12-06-2003
WO 0209125	A	31-01-2002	DE 10035953 A1 AU 7977001 A WO 0209125 A1	31-01-2002 05-02-2002 31-01-2002